

Amendments to the Claims:

Claims 18-20 of Group II were elected. Claims 1-17 and 21-35 are canceled.

1.-17. (Canceled)

18 (Original) A method of determining an accuracy of a gradient array in an optical tissue measurement comprising:

transmitting an image through the optical tissue;
determining local gradients across the optical tissue from the transmitted image; and
integrating along a closed integration path across a portion of the array.

19 (Original) The method of claim 18, further comprising:

calculating a change in elevation along the closed integration path across the portion of the array.

20 (Original) The method of claim 18 wherein, the closed integration path comprises:

a common starting point, a common ending point, a first integration path connecting the common starting point to the common ending point, and a second integration path connecting the common starting point to the common ending point, the first and second integration paths being different.

21.-35. (Canceled)

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